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IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. **(Previously Presented)** A combustion chamber for a two-cycle engine comprising:

a first zone having an axis of symmetry generally aligned with a cylinder bore;

a second zone having an axis of symmetry generally aligned with a fuel spray projection from a fuel injector;

an opening formed in the second zone and configured to receive a spark plug having a tip intersecting the fuel spray projection; and

wherein the axis of symmetry of the second zone is skewed and offset from the axis of symmetry of the first zone.

2. **(Original)** The combustion chamber of claim 1 wherein a cross-section of the first zone has a generally triangular shape.

3. **(Original)** The combustion chamber of claim 2 wherein two ends of the generally triangular shape intersect a squish zone of the combustion chamber.

4. **(Original)** The combustion chamber of claim 1 wherein a portion of the second zone intersects a squish zone of the combustion chamber.

5. **(Original)** The combustion chamber of claim 1 wherein the first zone has a cross-section that is generally trapezoidal.

6. **(Original)** The combustion chamber of claim 5 wherein the first zone isolates the second zone from contact with a squish zone of the combustion chamber.

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7. **(Original)** The combustion chamber of claim 1 wherein the second zone has a cross-sectional shape that substantially follows a cross-sectional shape of the fuel spray.
8. **(Canceled)**
9. **(Original)** The combustion chamber of claim 1 wherein the fuel spray pattern is equidistant from each side wall of the second zone.
10. **(Original)** The combustion chamber of claim 1 incorporated into an internal combustion engine of a recreational product.
11. **(Original)** An engine comprising:
- a block having at least one piston reciprocally disposed in a cylinder;
 - a cylinder head attached to the block over the at least one piston and cylinder;
 - the cylinder head having a combustion chamber aligned with the cylinder defining a squish zone between the piston and cylinder head, the combustion chamber having:
 - a lower portion having a cross-sectional shape that is asymmetric about a central axis of the cylinder; and
 - an upper portion positioned generally coaxially about a fuel spray pattern and having a first side configured to receive a spark plug therein and a second side in contact with the lower portion.
12. **(Original)** The engine of claim 11 wherein an intersection of the upper portion and the lower portion forms a circular shape.
13. **(Original)** The engine of claim 11 wherein a portion of the upper portion contacts the squish zone.

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14. (Original) The engine of claim 13 wherein the lower portion has a generally triangular cross-section.
15. (Original) The engine of claim 11 wherein the lower portion separates the upper portion from the squish zone.
16. (Original) The engine of claim 14 wherein the generally triangular cross-section of the lower portion has one side that is in contact with the squish zone.
17. (Original) The engine of claim 15 wherein the lower portion has a trapezoidal cross-section.
18. (Original) The engine of claim 11 wherein a perimeter of the piston is concentric about a perimeter of the lower portion.
19. (Original) The engine of claim 11 wherein a portion of the fuel spray pattern extends through the lower portion before passing a perimeter of the lower portion.
20. (Original) The engine of claim 11 further comprising a spark plug opening extending into the upper portion to receive a spark plug therein having a tip that intersects the fuel spray pattern.
21. (Original) The engine of claim 11 further comprising a fuel injector in fluid communication with the combustion chamber.
22. (Original) The engine of claim 11 incorporated into at least one of a snowmobile, a lawn/garden equipment, an ATV, a moped, and an outboard motor.
23. – 34. (Canceled)